



13  
JOHN ASHCROFT  
Governor

G. TRACY MEHAN III  
Director

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

P.O. Box 176  
Jefferson City, MO 65102

Division of Energy  
Division of Environmental Quality  
Division of Geology and Land Survey  
Division of Management Services  
Division of Parks, Recreation,  
and Historic Preservation

December 18, 1990

RECEIVED

DEC 07 1991

PRM-I-SECTION

Mr. Glen A. Gettinger  
President  
Midwest Oil Refining Co.  
1900 Walton Road  
St. Louis, MO 63114

RE: Resource Recovery Certification RR0007  
Classification - R1

Dear Mr. Gettinger:

This letter is to inform you that the Department of Natural Resources has completed the review of your certified resource recovery facility application form. After a review of your application and the supporting documents, the department hereby certifies, for hazardous waste resource recovery, Midwest Oil Refining Co. to process and recover waste oil contingent upon the following conditions:

1. The operator shall comply with 10 CSR 25-9.010 and all plans and processes described in the certified resource recovery application.
2. The operator shall process and reclaim only waste oil as listed in the application and in the amounts specified.
3. This facility shall accept no "off-specification" used oil as defined in 40 CFR 266.40(e) or any oil with a detectable (2 ppm) amount of polychlorinated biphenyls (PCBs).
4. Storage and disposal of all separated waste streams and all process generated waste from the recovery process shall be in compliance with all applicable laws and regulations.
5. The quarterly reports as required by 10 CSR 25-9.010(1)(D)2. shall indicate the amount of waste oil stored at the facility at the time of reporting and the amount of all waste oil collected, received, stored and recovered in the reporting period. The report shall also indicate the type and amount of processing residues and separated waste streams generated and disposed of during each reporting period.

Manifests, processing logs, quarterly reports, facility records, and data from waste oil analyses shall be maintained on file showing all waste management activities at the facility.



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R00340520  
RCRA RECORDS CENTER

Mr. Glen A. Gettinger  
December 18, 1990  
Page 2

6. This facility must comply with all applicable state and federal laws and regulations.

If you have any questions regarding compliance with your certification, please contact Mr. Wane C. Roberts at (314) 751-3176.

Sincerely,

DIVISION OF ENVIRONMENTAL QUALITY



Nicholas A. Di Pasquale, Director  
Waste Management Program

NAD:wrm

Enclosure

cc: Mr. Bob Stewart, EPA Region VII  
St. Louis Regional Office

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES



# CERTIFIED RESOURCE RECOVERY FACILITY

Certification for resource recovery is issued to:

Midwest Oil Refining Company

For the facility located:

1900 Walton Road  
St. Louis, MO 63114

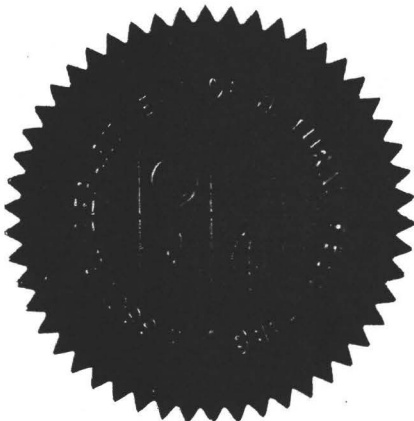
CERTIFICATION NUMBER: RR0007

A copy of this certificate must be available at the facility during operation.

This certification is valid from the date signed for a period of two years, in accordance with the Certified Resource Recovery Facility Application Form approved by the department. Only wastes listed in the approved application are to be processed at this facility.

It is understood that the acceptance and use of this certification subjects the operator of the above named facility to the applicable requirements of the Missouri Hazardous Waste Management Law and the rules thereunder specifically 10 CSR 25-9.010.

This certification applies only to resource recovery facilities certified under Missouri's Hazardous Waste Management Law; it does not apply to other environmentally regulated areas.



December 18, 1990

Date

*G. Tracy Mehan, III*

G. Tracy Mehan, III  
Director, Department of Natural Resources

by *Nicholas A. DiPasquale*

Director, Waste Management Program

Date of Notice

TO:

- ☒ Hazardous Waste Section, WMP  
☐ Solid Waste Section, WMP  
☒ Enforcement Section, WMP  
☒ Superfund Section, WMP  
☐ Administrative Unit, WMP  
☐ Air Pollution Control Program  
☐ Water Pollution Control Program  
☐ Public Drinking Water Program  
☐ Land Reclamation Program  
☐ Regional Office Program  
☐ Laboratory Services Program  
☐ Other

Dan Tschirigi

Art Groner

John Madras

FROM:

Notification of:



pending or proposed action (concurrence needed)

Response/Concurrence/Comments/Needed By

7-31-90

receipt of new permit application  
(no further action needed)

Date Received

6-27-90

Facility/Applicant Name:

Midwest Oil Refining Co.

A01246-10 #

Location/Address:

1900 Watson Rd.

St. Louis

MO

St. Louis

City

State

Zip

County

Type of Action:

Hazardous Waste Management

Solid Waste Management

Superfund

Administration

- ☐ closure approval  
☐ draft permit  
☐ final permit  
☐ transporter license  
☐ administrative order  
☒ resource recovery  
certification  
referral  
☐ other

- ☐ final permit  
☐ administrative order  
☐ permit modification  
☐ referral  
☐ solid waste management  
plan approval/disapproval  
☐ other

- ☐ proposed registry  
listing  
☐ consent agreement  
☐ other

- ☐ new/revised  
policy or procedure  
☐ comment letter  
on proposed  
federal rule  
☐ state draft/proposed/final  
regulatory change  
☐ grants/cooperation  
agreements  
☐ other

If this is a notice of permit application, or a concurrence of action concerning a permit application,  
type of permit requested:

description of facility

process / dirty water oil  
stored in AGTs

Additional Comments:

Contact

W. Roberts

at 751

6584

for more information if additional coordination is needed.



Please sign the top of form and return. Your signature represents notice/concurrence on this action unless otherwise noted in  
comments.

Date of Notice

- TO:
- ☐ Hazardous Waste Section, WMP
  - ☐ Solid Waste Section, WMP
  - ☐ Enforcement Section, WMP
  - ☐ Superfund Section, WMP
  - ☐ Administrative Unit, WMP
  - ☒ Air Pollution Control Program
  - ☐ Water Pollution Control Program
  - ☐ Public Drinking Water Program
  - ☐ Land Reclamation Program
  - ☐ Regional Office Program
  - ☐ Laboratory Services Program
  - ☐ Other

*Randy Raymond / Raymond*

FROM:

Notification of:



pending or proposed action (concurrence needed)  
Response/Concurrence/Comments/Needed By ..... *7-31-90*



receipt of new permit application  
(no further action needed)

Date Received

*6-29-90*

Facility/Applicant Name:

*Midwest Oil Refining Co.*

Location/Address:

*1900 Walton Rd*

*St. Louis MO 63114*

*St. Louis*

City

State

Zip

County

*? Is this in City or County?*

Type of Action:

Hazardous Waste Management

Solid Waste Management

Superfund

Administration

- ☐ closure approval
- ☐ draft permit
- ☐ final permit
- ☐ transporter license
- ☐ administrative order
- ☒ resource recovery certification
- ☐ referral
- ☐ other

- ☐ final permit
- ☐ administrative order
- ☐ permit modification
- ☐ referral
- ☐ solid waste management plan approval/disapproval
- ☐ other

- ☐ proposed registry listing
- ☐ consent agreement
- ☐ other

- ☐ new/revised policy or procedure
- ☐ comment letter on proposed federal rule
- ☐ state draft/proposed/final regulatory change
- ☐ grants/cooperation agreements
- ☐ other

If this is a notice of permit application, or a concurrence of action concerning a permit application, type of permit requested:

description of facility

*process/convert waste oil  
in AETs*

Additional Comments:

Contact

*W. Roberts*

at 751

*6589*

for more information if additional coordination is needed.



Please sign the top of form and return. Your signature represents notice/concurrence on this action unless otherwise noted in comments.



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
WASTE MANAGEMENT PROGRAM  
CERTIFIED RESOURCE RECOVERY FACILITY APPLICATION FORM

10/11/90

Received  
check  
6/29/90  
\$ 500.00

1. NAME OF APPLICANT MIDWEST OIL REFINING CO.		ADDRESS 1900 Walton Rd.	
CITY St. Louis	STATE Missouri	ZIP CODE 63114	TELEPHONE (314) 427-2662
2. NAME OF FACILITY Midwest Oil Refining Co.		ADDRESS 1900 Walton Rd.	
LOCATION: NEAREST CITY OR TOWN Overland		COUNTY St. Louis	STATE MO
_____ ¼ _____ ¼ _____ ¼ OF SECTION Section 33		TOWNSHIP 46	RANGE 6
		ACREAGE SIZE 3.76	

3. APPLICANTS CERTIFICATION:  
I CERTIFY THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION IN THIS APPLICATION AND BELIEVE THAT THE INFORMATION SUBMITTED IS ACCURATE AND COMPLETE. I AM AWARE THAT MAKING A FALSE STATEMENT OR MISREPRESENTATION IN THIS APPLICATION IS GROUNDS FOR REVOKING THE RESOURCES RECOVERY CERTIFICATION. I MAY ALSO BE GUILTY OF A MISDEMEANOR AND UPON CONVICTION, MAY BE PUNISHED BY FINE OR IMPRISONMENT.

APPLICANT'S SIGNATURE <i>Allen R. Hettlinger</i> PRES.		DATE 6-7-90	MIDWEST OIL REFINING CO.		DATE 6-7-90
NAME Midwest Oil Refining Co.		ADDRESS 1900 Walton Rd.		PRES.	
CITY St. Louis,	STATE MO	ZIP CODE 63114	TELEPHONE (314) 427-2662		

5. HAS THE FACILITY OBTAINED INTERIM STATUS OR A PERMIT FROM THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY? ☐ YES ☒ NO

6. AS REQUIRED BY 10 CSR-9 OF THE MISSOURI HAZARDOUS WASTE REGULATIONS ATTACH THE FOLLOWING INFORMATION:

- ☒ A. FLOWSHEET THROUGH THE RESOURCE RECOVERY PROCESS.
- ☒ B. QUALITY CONTROL PLAN.
- ☒ C. DRAWINGS OF THE FACILITY.
- ☐ D. APPLICATION FEE

RECEIVED  
JUN 29 1990

7. LIST ALL THE TYPES OF HAZARDOUS WASTES TO BE USED, REUSED, RECOVERED, OR RECLAIMED AT THIS FACILITY.

NAME OF HAZARDOUS WASTE	MONTHLY QUANTITY	UNITS (GAL, LBS)
Waste Oil Only	Average 150,000	Gals.
	Max. 200,000	

8. PROCESS DESCRIPTION <input checked="" type="checkbox"/> DISTILLATION <input type="checkbox"/> BURNED FOR FUEL <input type="checkbox"/> BLENDED FOR FUEL <input type="checkbox"/> OTHER _____	STORAGE TYPE <input type="checkbox"/> DRUMS <input checked="" type="checkbox"/> ABOVE GROUND TANK <input type="checkbox"/> BELOW GROUND TANK <input type="checkbox"/> OTHER _____
---	---

NOTE: 9. ON AN ATTACHED SHEET PLEASE DESCRIBE, IN DETAIL, THE ABOVE RESOURCE RECOVERY PROCESS. BE SURE TO INCLUDE ITEMS SUCH AS EQUIPMENT MANUFACTURERS' NAMES AND ADDRESSES, MODEL NUMBERS, CAPACITIES, AND THE KINDS OF MATERIALS FROM WHICH THE EQUIPMENT IS CONSTRUCTED. FAILURE TO INCLUDE THIS INFORMATION WILL RESULT IN AN INCOMPLETE APPLICATION AND ITS RETURN TO YOU.

PLEASE RETURN TO MISSOURI DEPARTMENT OF NATURAL RESOURCES WASTE MANAGEMENT PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102	OFFICE USE ONLY FACILITY I.D. NO. <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> DATE APPLICATION APPROVED <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
--	---

MIDWEST OIL REFINING CO.  
1900 WALTON ROAD  
St. Louis, Missouri 63114

A DESCRIPTION OF THE PROCESS:

Midwest Oil Refining co. recycles used lube oil into industrial grade fuel oil.

See schematic and flowsheet attached:

A. A sample is taken from each truck load and tested for water and undio amount of contaminaments. This test consists of a centerfuge test, a check for color, odor and general visual inspection.

B. Oil is then pumped into waste oil holding tanks (see attachment A) until heat process can be applied.

C. Oil is heated to 300° F. and water is romoved as steam and then condensed back to water and then put into M.S.D. sewer for disposal. (Approved by M.S.D.)

D. Oil is then filtered while hot to remove large pieces of trash, lint, & etc.

E. After filtration oil is pumped into storage tanks (see attachment B) and then shiped as industrial grade fuel oil, to be blended at a rate of 10 to 15 percent with new industrial fuel and burned.

F. Midwest Oil Refining Co. does not process anything but waste oil from Service Stations, Bus Lines, Truck Lines etc. We donot process any sludges, water soluble oils, solvénts, etc.

G. Midwest Oil Refining Co. has truck capacity of 15,000 gals. per hr. to control any spill on property 24 hrs. a day, 7 days a week. Plus levee capacity. Midwest Oil does not store over 100,000 gals. of oil at any given time. Average working inventory is approx. 50,000 gals.

MIDWEST OIL REFINING CO.

EQUIPMENT

Two Distillation Tanks.

Nooter Tanks  
1400 S. 3rd.  
St. Louis, Mo.

3/4" steel  
capacity--5,000 gals. each  
Model #5,000A -Hi temperature

Boilers

EB-8251 Leffel      Manufacturer address unknown.  
Fire-tube boiler  
Dow-therm F.T.  
Automatic safety control  
50 lbs. W.P.  
Built Approx. 1950  
Retubed--Sept. 1980      Double Strength Tubing:  
By: Midwest Boiler & Erectors, Inc.  
9716 Lackland Ave.  
St. Louis, Mo. 63114  
Made of steel--1/2" boiler plate  
Capacity--1,000 gals.

#2 Gem City  
Fire-Tube Boiler  
100 lbs. W.P.  
Built Approx. 1950  
Made of steel--1/2" boiler plate  
Capacity--1,000 gals.

# INVENTORY

Attachment A & B

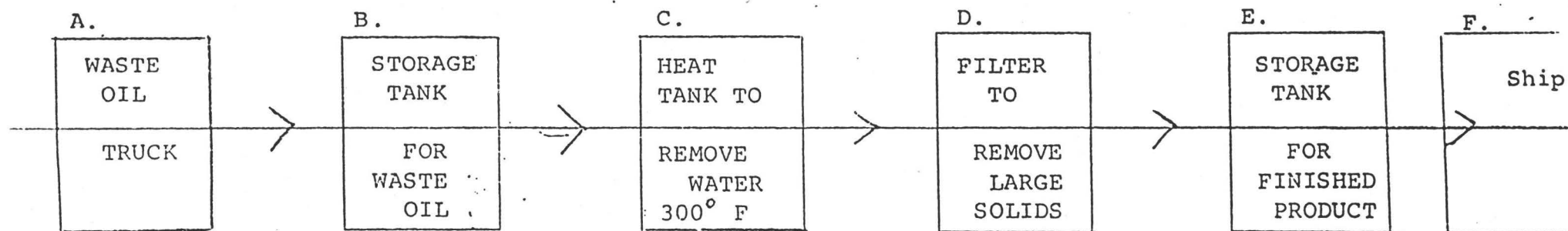
MORNING BY WHOM: \_\_\_\_\_

DATE: \_\_\_\_\_

EVENING BY WHOM: \_\_\_\_\_

MORNING							EVENING			
TANK	H.	CAP.	PER FT. IN.	CONT.	ROOM	MEASURE OF OIL	GALS.	ROOM	MEASURE OF OIL	GALS.
NDO	10'	13,210	1321 110	W.O.						
SDO	10'	13,210	1321 110	W.O.						
NT	10'	13,210	1321 110	W.O.						
ST	10'	13,210	1321 110	W.O.						
ET	10'	13,210	1321 110	W.O.						
26	22'	20,000	918 76.5	W.O.						
NMP	15'	10,000	694 57	DRIED						
SMP	15'	10,000	694 57	DRIED						
EMP	15'	10,000	694 57	DRIED						
NF	14'6	10,294	710 59	DRIED						
SF	15'	10,650	710 59	DRIED						
23C	43	25,000	587 49	DRIED						
23D	43	25,000	587 49	DRIED						
24C	43	25,000	587 49	DRIED						
	MEASURE	EVERY	MONDAY &	FRIDAY						
24	30'	19,000	647 54	COTTO						
25	30'	19,000	647 54	COTTO						
25D	43'	25,000	587 49	LIGHT						
26D	43'	25,000	587 49							
27D	43'	25,000	587 49	LIGHT						

Flowsheet:



MAXIMUM  
FLOW APPROX. 200,000 GALS. PER MONTH OF USED LUBE OIL.

MIDWEST OIL REFINING CO.

QUALITY CONTROL PLAN:

To insure that the quality and type of wastes accepted are compatible with the successful operation of our facility, Midwest Oil Refining Co. samples each and every load of waste oil received for excessive amounts of water, dirt contamination, & volatile materials prior to unloading. Testing is done by centrifuge method, visual inspection for viscosity, PH tested with PH meter, and inspected for excessive odor.

Any oils that our drivers determine questionable must be tested by the generator prior to pick-up. We only accept oil with a total chlorine of 1000 PPM. All transformer oil that is picked up must have a PCB test and a copy of the lab analysis must accompany each and every load, and be less than 2PPM.

Monthly testing of a composite sample for Total Halogens and Heavy Metals is done by an independent laboratory to verify uniform quality.

The only thing we remove from the oil is water. Water is discharged thru the MSD, permit #41188905008.

Any residue that is generated is shipped for disposal to: SCA Chemical 1550 Balmor Rd., Model City, N.Y. 14107. or Pat Chem Corp. Selma Plant, Festus, Mo.

MIDWEST OIL REFINING CO.

1900 WALTON ROAD

ST. LOUIS, MO.

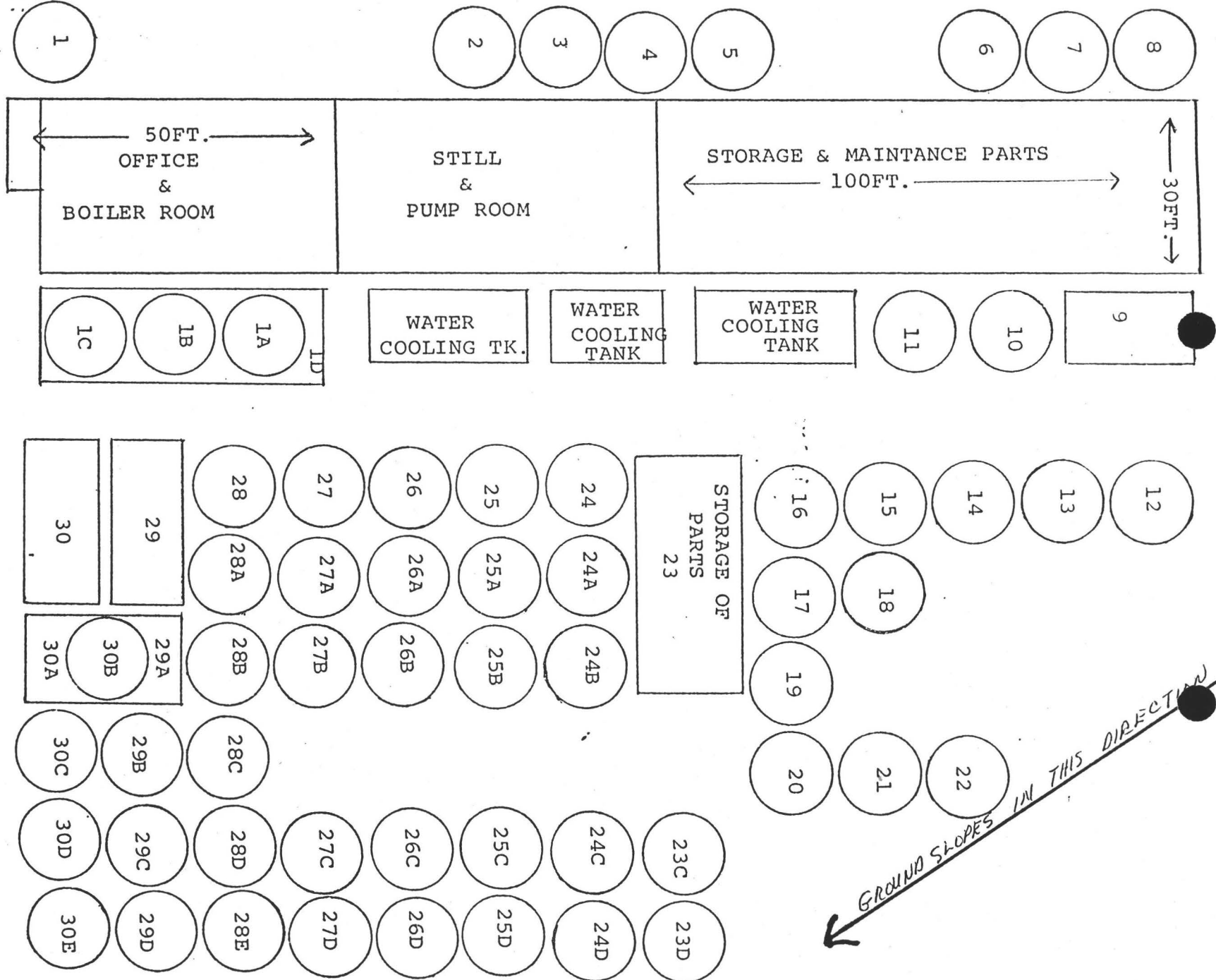
63114

WALTON ROAD

DRAWING OF FACILITY

LEVEE

GROUND SLOPES IN THIS DIRECTION



## TANK LIST:

WASTE OIL--OIL BEFORE

PROCESSING:

PROCESSED OIL--FINISHED

PRODUCT READY TO

SHIP:

TANK #	DIA.	H.	CAP.	CONT.	SHIP:
			GALS.		
1	10'6"	24"	15,550	WASTE OIL	NOT IN USE
2	11'	14'6"	10,000	WASTE OIL	NOT IN USE
3	11'	14'6"	10,000	WASTE OIL	NOT IN USE
4	10'6"	13'	8,420	WASTE OIL	NOT IN USE
5	10'6"	24'	15,550	WASTE OIL	NOT IN USE
6	10'6"	17'	11,000	WASTE OIL	NOT IN USE
7	10'6"	17'	11,000	WASTE OIL	NOT IN USE
8	10'	24'	14,000	WASTE OIL	NOT IN USE
9	9'	19'6"	9,260	WASTE OIL	NOT IN USE
10	11'	10'6"	7,500	WASTE OIL	NOT IN USE
11	11'	10'6"	7,500	WASTE OIL	NOT IN USE
(12) (NF)	11'	16'	11,375	PROCESSED OIL	TO SHIP
(13) (EF)	8'	21'6"	8,100	PROCESSED OIL	TO SHIP
(14) (SF)	11'	15'	10,650	PROCESSED OIL	TO SHIP
(15) (NDO)	15'	10'3"cone	13,210	WASTE OIL	
(16) (SDO)	15'	10'3"cone	13,210	WASTE OIL	
(17) (ST)	15'	10'3"cone	13,210	WASTE OIL	
(18) (NT)	15'	10'3"cone	13,210	WASTE OIL	
(19) (ET)	15'	10'3"cone	13,210	WASTE OIL	
(20) (SMP)	10'10"	15'2"cone	10,185	PROCESSED OIL	TO SHIP
(21) (EMP)	10'10"	15'2"cone	10,185	PROCESSED OIL	TO SHIP
(22) (NMP)	10'10"	15'2"cone	10,185	PROCESSED OIL	TO SHIP
23	STORAGE OF PARTS & SWEEPING COMPOUND				
(23C)	10'	43'	25,000	PROCESSED OIL	TO SHIP
(23D)	10'	43'	25,000	PROCESSED OIL	TO SHIP
(24)	10'6"	30'	19,342	WASTE OIL	
24A	12'	20'	16,920	WASTE OIL	NOT IN USE
24B	12'	20'	16,920	WASTE OIL	NOT IN USE
(24C)	10'	43'	25,000	PROCESSED OIL	TO SHIP
24D	10'6"	43'	25,000	PROCESSED OIL	TO SHIP NOT
(25)	10'6"	30'	19,432	WASTE OIL	
25A	10'	30'	17,625	WASTE OIL	NOT IN USE
25B	12'	20'	16,920	WASTE OIL	USE
25C	10'	43'	25,000	PROCESSED OIL	TO SHIP NOT IN USE
(25D)	10'	43'	25,000	PROCESSED OIL	TO SHIP
(26)	12'6"	22'	20,000	WASTE OIL	
26A	10'6"	14'	9,000	WASTE OIL	NOT IN USE
26B	10'6"	17'	11,000	WASTE OIL	NOT IN USE
26C	10'	43'	25,000	PROCESSED OIL	TO SHIP NOT IN USE
(26D)	10'	43'	25,000	PROCESSED OIL	TO SHIP
27	9'6"	30'	15,900	WASTE OIL	NOT IN USE
27A	10'6"	14'	9,000	WASTE OIL	NOT IN USE
27B	12'	15'6"	13,200	WASTE OIL	NOT IN USE
27C	10'	43'	25,000	PROCESSED OIL	TO SHIP NOT IN USE
(27D)	10'	43'	25,000	PROCESSED OIL	TO SHIP

\* NUMBERS CIRCLED ARE TANKS IN USE.

<u>TANK#</u>	<u>DIA.</u>	<u>H.</u>	<u>CAP.</u>	<u>CONT.</u>
28	10'	21'8"	12,796	WASTE OIL
28A	10'	17'7"	10,390	WASTE OIL
28B	10'5"	17'8"	10,982	WASTE OIL
28C	10'5"	15'9"	9,810	WASTE OIL
28D	11'	20'8"	14,768	WASTE OIL
28E	11'	20'8"	14,768	WASTE OIL
29	11'	27'	19,000	WASTE OIL
29A	11'	12'6"	9,000	WASTE OIL
29B	10'	20'6"	12,100	WASTE OIL
29C	10'	30'	17,610	WASTE OIL
29D	10'6"	19'	12,300	WASTE OIL
30	11'	27'	19,000	WASTE OIL
30A	11'	12'6"	9,000	WASTE OIL
30B	8'	13'6"	5,114	WASTE OIL
30C	8'	26'6"	10,000	WASTE OIL
30D	10'	20'	11,750	WASTE OIL
30E	10'6"	17'6"	11,400	WASTE OIL

28 THROUGH 30 E - NOT IN USE